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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,233	12/04/2001	Helmut Ponn	47874.267151	8299
28694	7590	01/13/2004	EXAMINER	
HOWREY SIMON ARNOLD & WHITE LLP 1299 PENNSYLVANIA AVE., NW BOX 34 WASHINGTON, DC 20004			LUGO, CARLOS	
			ART UNIT	PAPER NUMBER
			3677	

DATE MAILED: 01/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/683,233

Applicant(s)

PONN ET AL.

Examiner

Carlos Lugo

Art Unit

3677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 9-17 is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This Office Action is in response to applicant's amendment filed on October 3, 2003.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) The invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. **Claims 1 and 5-7 are rejected** under 35 U.S.C. 102(e) as being anticipated by US Pat No 6,092,845 to Koenig.

Regarding claims 1, 5 and 7, Koenig discloses a vehicle lock device comprising a lock casing (20).

A cable sheath (90) is fixed in relation to the lock casing (at 86). A cable (94) is displaceable arranged in the cable sheath. An end of the cable (at 68 and 82) is pointing towards the lock casing. A cable seat (74, 76 and 78) is operatively connected to a catch (50).

The lock device also includes a rotary bolt (20) and an element (110) for acting upon the end of the cable.

The cable end (at 68 and 82) is designed, by pushing down the other end of the cable, to be brought into engagement with the cable seat for actuation of the catch. The catch is used to disengage the rotary bolt in order to release a bolt (Col. 5 Lines 35-52).

The cable end is directed for engagement with the cable seat in the unlocked position and is directed to the side of the cable seat in the locked position (Col. 3 Line 59 to Col. 4 Line 9).

As to claim 6, Koenig discloses that the operating device (110) acts directly on the cable end.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 2-4 and 8 are rejected** under 35 U.S.C. 103(a) as being unpatentable over US Pat No 6,092,845 to Koenig in view of US Pat No 4,691,584 to Takaishi et al (Takaishi).

Regarding claims 2-4, Koenig fails to disclose that the element to act on the end of the cable is a mechanical, electrical device or that uses a memory metal. Koenig discloses that the element is a handle (110).

Takaishi teaches that is known in the art to have a mechanical or electrical device (electric motor 100) to act on the end of the cable (108).

Furthermore, the applicant admits that it will be obvious to one skilled in the art that the device can be one from the list of mechanical or electrical devices claimed.

As to claim 8, Takaishi teaches that a mechanical transmission system (inside 100) is between the operating device and the cable end pointing towards the lock casing (104).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have an operating device, as taught by Takaishi, into a lock device as described by Koenig, in order to change the operating device from manual to automatic.

Allowable Subject Matter

6. Claims 9-17 are allowed.

Reasons For Allowance

7. The following is an examiner's statement of reasons for allowance:

Claim 9 is allowable over the prior art of record because the teachings of the references taken as a whole do not teach or render obvious the combination set forth, including that the mechanical transmission system further comprises a reversing arm and a mechanical actuating element to impart a torsional movement to the arm.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lugo whose telephone number is 703-305-9747. The examiner can normally be reached on 9-6pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Swann can be reached on 703-306-4115. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-5771.

Carlos Lugo
Examiner
Art Unit 3677

December 30, 2003.


James R. Brittain
Primary Examiner